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SUMMARY

Translates business problems into working technology. Leads with discovery to find the real problem, ships proof of concepts before full builds, and measures adoption after launch. 50+ applications across real estate, manufacturing, medical, and professional services.

SKILLS

Customer-facing	technical discovery, requirements gathering, solution design, product demos, proof-of-concept builds, translating complex tech for non-technical buyers
Engineering	TypeScript, JavaScript, Python, SQL, Next.js, React, Node.js, FastAPI, Docker, REST API design
AI / Automation	OpenAI and Claude APIs, voice AI (STT/TTS), embeddings and vector search, agent design, workflow automation
Databases	PostgreSQL, Supabase, SQLite

EXPERIENCE

Talkdesk · Los Angeles, CA Jun 2026 – Present

Associate Solutions Engineer

- Pre-sales engineering for Talkdesk's cloud contact center platform: technical discovery, solution design, and product demos for enterprise buyers.

Freedman Systems · Los Angeles, CA Mar 2025 – Present

Founder and Principal Engineer

- Run a client-facing AI and automation studio: every engagement starts with a discovery intake to understand client goals, pain points and priorities, then solution design, demo to the decision-maker, and production deployment.
- Shipped websites, automation systems, and AI contact agents for clients across real estate, manufacturing, medical, and professional services. Built a catalog across **15 business functions** so there's a match for almost any operational problem a buyer raises.
- Maintain a **20-service** production stack spanning AI agents (Claude, GPT), n8n automation pipelines, client dashboards, and data systems. Solo-built, agentially monitored.

FST Property Group · Los Angeles, CA Aug 2025 – May 2026

Solutions Engineer / Sole Technical Lead

- Ran the discovery to find their inbound contact gap (seller leads calling after hours with no follow-up) and built an AI agent (Claude, GPT-4o-mini) that handles inbound conversations autonomously and routes hot prospects to human reps.

- Designed the data layer behind it: consolidated **4.9M property records** across three states, surfacing **roughly 1M targetable leads**.
- Built and deployed the full operational platform: **70-route** Next.js dashboard, buyer management system, team briefings, and automated reporting. The team runs their entire business from it.

GradFax · Los Angeles, CA

Feb 2026 – Present

Founder and Full-Stack Engineer

- Built and shipped a free college search and planning platform covering **6,000+ US institutions**: NLP search, transfer planner, scholarship matching, application tracker, premium reports, iOS and Android apps on the App Store. Sole engineer, live at gradfax.com.
- Built the team's full operating system as a single login: **6 role-specific dashboards**, outreach manager, mass outreach blaster, 133 communities tracked across 10 platforms, AI-drafted content pipeline, and team scheduling. One login runs the whole company.

SELECTED PROJECTS

Trend-Intelligence Platform (manufacturing client): tells the client what to make next by scoring trending products across multiple sources on virality and margin; delivered as weekly decision reports. Node.js, Claude, SQLite.

Voice AI Personal Assistant: real-time assistant (speech-to-text, LLM, text-to-speech) with full-text and semantic memory; shipped as an iOS app and PWA, now extended to a Mac-native voice OS with 30+ system actions.

EDUCATION

University of California, Santa Cruz | B.A. Psychology, with honors